

ABSTRACT

This invention relates to a device for the simultaneous qualitative or quantitative
5 determination of several analytes in a liquid sample. The device comprises a membrane
with a charging zone, for the application of the liquid sample, at least two indicator zones
which can interact with the analyte(s) and at least one absorption region, which accepts
the fluid after passing through the indicator zones, whereby the indicator zones lie
between the charging zone and an absorption region, characterized in that the flow
10 directions (flow tracks) are essentially parallel from the application zone through each
indicator zone to an absorption region and at least two different flow tracks are present.
The invention further relates to a method for the determination of several analytes or
derivatives thereof in a liquid sample, comprising: application of the sample to the
charging zone of a membrane of the device, whereby said sample is present in sufficient
15 amounts to permit the sample fluid to flow in the direction of the absorption region
through the indicator zones and to permit the analytes or derivatives thereof in the liquid
sample to form a complex in the indicator zone.